



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/811,244

Source:

JFWO

Date Processed by STIC:

10/29/04

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

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1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 05/17/04



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004

TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt

Output Set: N:\CRF4\10292004\J811244.raw

3 <110> APPLICANT: Khanuja, Suman Preet Singh
 4 Paul, Shilpi
 5 Shasany, Ajit Kumar
 6 Gupta, Anil Kumar
 7 Darokar, Mahendra Pandurang
 9 <120> TITLE OF INVENTION: HIGH ARTEMISININ YIELDING PLANT GENOTYPE 'CIM-AROGYA'
 11 <130> FILE REFERENCE: U 015108-9
 13 <140> CURRENT APPLICATION NUMBER: 10/811,244
 14 <141> CURRENT FILING DATE: 2004-03-26
 16 <160> NUMBER OF SEQ ID NOS: 23
 18 <170> SOFTWARE: PatentIn version 3.3
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 10
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: MAP Primer
 28 <400> SEQUENCE: 1
 29 aaatcggagc
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 10
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Artificial
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: MAP Primer
 40 <400> SEQUENCE: 2
 41 gtcctactcg
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 10
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Artificial
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: MAP Primer
 52 <400> SEQUENCE: 3
 53 gtccttagcg
 56 <210> SEQ ID NO: 4
 57 <211> LENGTH: 10
 58 <212> TYPE: DNA
 C--> 59 <213> ORGANISM: Artificial
 W--> 61 <220> FEATURE:
 W--> 61 <223> OTHER INFORMATION:
 W--> 61 <400> 4
 62 tgcgcgatcg

10

10

10

(ps.1-2)²

Artificial

pls insert <220>-<223> whenever

<213> response is

Artificial/Unknown

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Input Set : A:\U0151059.ST25.txt

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65 <210> SEQ ID NO: 5
66 <211> LENGTH: 10
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial
70 <220> FEATURE:
71 <223> OTHER INFORMATION: MAP Primer
73 <400> SEQUENCE: 5
74 aacgtacgcg 10
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 10
79 <212> TYPE: DNA
C--> 80 <213> ORGANISM: Artificial
W--> 82 <220> FEATURE:
W--> 82 <223> OTHER INFORMATION:
W--> 82 <400> 6
83 gcacgccgga 10
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 10
88 <212> TYPE: DNA
C--> 89 <213> ORGANISM: Artificial
W--> 91 <220> FEATURE:
W--> 91 <223> OTHER INFORMATION:
W--> 91 <400> 7
92 caccctgcgc 10
95 <210> SEQ ID NO: 8
96 <211> LENGTH: 10
97 <212> TYPE: DNA
C--> 98 <213> ORGANISM: Artificial
W--> 100 <220> FEATURE:
W--> 100 <223> OTHER INFORMATION:
W--> 100 <400> 8
101 ctatcgccgc 10
104 <210> SEQ ID NO: 9
105 <211> LENGTH: 10
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial
109 <220> FEATURE:
110 <223> OTHER INFORMATION: MAP Primer
112 <400> SEQUENCE: 9
113 cgggatccgc 10
116 <210> SEQ ID NO: 10
117 <211> LENGTH: 10
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial
121 <220> FEATURE:
122 <223> OTHER INFORMATION: MAP Primer
124 <400> SEQUENCE: 10
125 gcgaattccg 10
128 <210> SEQ ID NO: 11

Artificial

Insert

Artificial

Insert

Artificial

Insert

See error
EXPLANATION
ON page 6.

RAW SEQUENCE LISTING

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129 <211> LENGTH: 10
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial
133 <220> FEATURE:
134 <223> OTHER INFORMATION: MAP Primer
136 <400> SEQUENCE: 11
137 ccctgcaggc 10
140 <210> SEQ ID NO: 12
141 <211> LENGTH: 10
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial
145 <220> FEATURE:
146 <223> OTHER INFORMATION: MAP Primer
148 <400> SEQUENCE: 12
149 ccaagcttg 10
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 10
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial
157 <220> FEATURE:
158 <223> OTHER INFORMATION: MAP Primer
160 <400> SEQUENCE: 13
161 gtgcaatgag 10
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 10
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial
169 <220> FEATURE:
170 <223> OTHER INFORMATION: MAP Primer
172 <400> SEQUENCE: 14
173 aggatacgtg 10
176 <210> SEQ ID NO: 15
177 <211> LENGTH: 10
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial
181 <220> FEATURE:
182 <223> OTHER INFORMATION: MAP Primer
184 <400> SEQUENCE: 15
185 aagatagcgg 10
188 <210> SEQ ID NO: 16
189 <211> LENGTH: 10
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <223> OTHER INFORMATION: MAP Primer
196 <400> SEQUENCE: 16
197 ggatctgaac 10
200 <210> SEQ ID NO: 17
201 <211> LENGTH: 10

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RAW SEQUENCE LISTING

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Input Set : A:\U0151059.ST25.txt

Output Set: N:\CRF4\10292004\J811244.raw

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202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial
205 <220> FEATURE:
206 <223> OTHER INFORMATION: MAP Primer
208 <400> SEQUENCE: 17
209 ttgtctcagg                                     10
212 <210> SEQ ID NO: 18
213 <211> LENGTH: 10
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial
217 <220> FEATURE:
218 <223> OTHER INFORMATION: MAP Primer
220 <400> SEQUENCE: 18
221 catcccgaac                                     10
224 <210> SEQ ID NO: 19
225 <211> LENGTH: 10
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial
229 <220> FEATURE:
230 <223> OTHER INFORMATION: MAP Primer
232 <400> SEQUENCE: 19
233 ggactccacg                                     10
236 <210> SEQ ID NO: 20
237 <211> LENGTH: 10
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial
241 <220> FEATURE:
242 <223> OTHER INFORMATION: MAP Primer
244 <400> SEQUENCE: 20
245 agcctgacgc                                     10
248 <210> SEQ ID NO: 21
249 <211> LENGTH: 932
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial
253 <220> FEATURE:
254 <223> OTHER INFORMATION: MAP Primer
256 <400> SEQUENCE: 21
257 aagcttgctg aacgcatcgg tgttactgcc gcagcccgtg aactcagcct gtatgaatca    60
259 caactctaca actggcgcag taaacagcaa aatcagcaga cgtcttctga acgtgaactg    120
261 gagatgtcta ccgagattgc acgtctcaaa cgccagctgg cagaacggga tgaagagctg    180
263 gctatcctcc aaaaggccgc gacatacttc gcgaagcgcc tgaaatgaag tatgtcttta    240
265 ttgaaaaaca tcaggctgag ttcagcatca aagcaatgtg ccgcgtgctc cgggtggccc    300
267 gcagcggtcg gtatacgtgg gtgtcagcgg cggacaagga taagcccgcg taagcagttc    360
269 cgccaacact gcacaggggg ttgtctcgcg gggttttacc cgggtcaaac aagcgttacc    420
271 ggtgccccac gcttgaccgg atgacctgcg gtgtcagggg ttaccttta acgtaaaaaa    480
273 cccgtggcgg caagcttgcc cggtcaggga ctgaaggcaa aggcctcccg gaagttcagc    540
275 ccggtcagct accgcggcac acgggcctgc ctgtgtcaga aaatctgttg gagcaggatt    600
277 tttacgccc gtggcccgaa ccagaagtgg gcaggagaca tcacgtactt acgtacagat    660
279 gaaggctggc tgtatctggc agtggtcatt gacctgtggt cacgtgccgt tattggctgg    720

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```

281 tcaatgtcgc cacgcatgac ggcgcaactg gcttgcgatg ccctgcagat ggcgctgtgg      780
283 cggcgtaaga ggccccggaa cgttatcggt cacacggacc gtggaggcca gtactgttca      840
285 gcagattatc aggcgcaact gaagcggcat aatctgcgtg gaagtatgag cgcaaaagggt      900
287 tgctgctacg ataatgcctg cgtggaaagc tt                                  932
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 22
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial
295 <220> FEATURE:
296 <223> OTHER INFORMATION: MAP Primer
298 <400> SEQUENCE: 22
299 ccaagcttgc tgaacgcac gg                                          22
302 <210> SEQ ID NO: 23
303 <211> LENGTH: 26
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial
307 <220> FEATURE:
308 <223> OTHER INFORMATION: MAP Primer
310 <400> SEQUENCE: 23
311 ccaagcttgc cagcagggc attatc                                      26

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004
TIME: 11:58:19

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,5,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or "Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:4,6,7,8

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004

TIME: 11:58:19

Input Set : A:\U0151059.ST25.txt

Output Set: N:\CRF4\10292004\J811244.raw

L:59 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:61 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:61 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:61 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:61
L:80 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:82 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence
L:82 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence
L:82 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:82
L:89 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:91 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:91 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:91 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:91
L:98 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:100 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence
L:100 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence
L:100 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:100